

Title (en)  
Process and device for manufacturing a fibrous insulation web

Title (de)  
Verfahren und Vorrichtung zur Herstellung einer Faserdämmstoffbahn

Title (fr)  
Procédé et dispositif de fabrication d'une bande d'isolation fibreuse

Publication  
**EP 1106743 B1 20050406 (DE)**

Application  
**EP 00710034 A 20001120**

Priority  

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- EP 00123506 A 20001027

Abstract (en)  
[origin: EP1106743A2] In a process to make panels, mineral fibers are drawn from a chamber as a primary web (2) which is then sub-divided into identical secondary webs (5) by parallel knife blades (4). The secondary webs (5) are then rotated through 90 degrees , recombined and surrendered into a sideways-pendulum feed (8) on a moving conveyer belt (9). The fibrous panels are manufactured from a continual web which is subsequently cut into lengths. The fibers are orientated essentially at 90 degrees to the panel surface. The secondary-webs are arranged as a sandwich before twisting about their longitudinal axis. The secondary fibers are compressed in two horizontally-opposed directions during or after pendulum folding on the conveyer. The secondary fleece (11) is then fed through a hardening oven.

IPC 1-7  
**E04B 1/78**; **D04H 1/70**; **D04H 1/74**; **D01G 25/00**

IPC 8 full level  
**D02G 1/20** (2006.01); **D04H 1/4209** (2012.01); **D04H 1/4218** (2012.01); **D04H 1/4234** (2012.01); **D04H 1/4242** (2012.01); **D04H 1/593** (2012.01); **D04H 1/70** (2012.01); **D04H 1/74** (2006.01); **D04H 13/00** (2006.01); **E04B 1/76** (2006.01); **E04B 1/78** (2006.01); **E04F 15/10** (2006.01)

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Cited by  
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AT DE

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